

Clean Version of Substitute Specification  
Attorney Docket No. 420/50815

**METHOD, DEVICE AND LASER SYSTEM FOR PRODUCING VIDEO SCREEN  
HOLOGRAMS AS WELL AS A VIDEO SCREEN HOLOGRAM**

BACKGROUND AND SUMMARY OF THE INVENTION

[0001] This application claims the priority of German patent document 199 34 162. 1, filed 21 July 1999 and PCT International Application No. PCT/DE00/02220, filed 6 July 2000, the disclosure of which is expressly incorporated by reference herein.

[0002] The invention relates to a method and apparatus system for producing video screen holograms, and to a video screen hologram.

[0003] Video screen holograms, which are produced as holographic images of real white video screens or video projection screens and are recorded by means of lasers in the primary colors red, green and blue (rgb), have the advantage that they are effective only within a narrow spectral range about the recording wavelength, and at the same time only within a very limited projection angle about the direction of incidence of the reference beam during the preceding hologram recording. The method of operation of such screens or holographic video screens

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